## CBCS SCHEME

USN						15CS	S <b>75</b> 4

## Seventh Semester B.E. Degree Examination, July/August 2021 Storage Area Networks

Time: 3 hrs.

Max. Marks: 80

			warks. 60
		Note: Answer any FIVE full questions.	
1	a. b.	With a neat diagram, explain how storage centric IT Architecture can o	(05 Marks) vercome the
	c.	limitations of severcentric IT architecture.  Illustrate read and write operations in cache.	(05 Marks) (06 Marks)
2	a. b.	and KAIDO.	
	C.		(05 Marks) (05 Marks)
3	a.	List the basic interconnectivity options that are supported by FC architect FC-AL and FC-SW transmission in detail.	
	b.		(06 Marks)
	C.		(06 Marks)
		- come zemais. Explain different categories of zonnig.	(04 Marks)
4	a.	Define NAS. Explain its benefits and common implementation methods.	(08 Marks)
	b.	Illustrate the steps involved in storage and retrival of data objects in Object ba	ased Storage
		Device (OSD).	(08 Marks)
- 5	0	What is Dusiness Coat 20 Will	
- 3	a.	What is Business Continuity? With a neat diagram, explain the different st	
	b.	planning Life cycle.  With a peat diagram cyclein different Pole (F. 1)	(08 Marks)
	υ.	With a neat diagram, explain different Backup Topologies.	(08 Marks)
6	a.	What is Local Replication? With a neat diagram, explain Host based and Net	1.70.1
Ū	۵.	Local Replication.	
	b.	What is Data Deduplication? Explain the Data Deduplication Implementation	(08 Marks)
		backup.	
	c.	Describe in detail cascade / multihop Three-site Replication methods.	(04 Marks)
		a seem cascade materiop times site respication methods.	(04 Marks)
7	a.	Define Cloud Computing. Explain the characteristics and benefits of Cloud Comp	nuting
			(08 Marks)
	b.	Illustrate the deployment models for Cloud Infrastructure.	(08 Marks)
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8	a.	List and explain different Cloud Service models.	(06 Marks)
	b.	Describe in detail the layers in Cloud Computing Infrastructure.	(06 Marks)
	C.	Explain different key considerations for Cloud Adoption.	(04 Marks)
9		Driefly avalois the Life	
9	a. h	Briefly explain the different storage security domains.	(08 Marks)
	b.	Illustrate the various steps in Kerberos Authorization process.	(08 Marks)
10	a.	With a neat diagram, explain Information Lifecycle Management (ILM).	<b>40.7.7.</b> - **
10	b.	Explain the basic security Implementations' for IDS AN with CLIAD	(05 Marks)
	υ.	Explain the basic security Implementations' for IPSAN with CHAP authentication	
	C	What is the need of Storage Tiering? Evaluin its tymes	(05 Marks)

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(06 Marks)

c. What is the need of Storage Tiering? Explain its types.